

## **HARDWARE IMPLEMENTATION OF PROCESS-BASED SECURITY PROTOCOL**

### **ABSTRACT OF THE DISCLOSURE**

**[0132]** A memory structure stores instructions for a method of providing access for a user to resources through a process. The process includes receiving user identification information and identifying user resource access information associated with the user identification information. The user resource access information includes process resource access information associated with a process. The process determines when an executing process attempts to access a specified resource and checks the process resource access information associated with the process when the process attempts to access the specified resource. The process determines if access to the specified resource by the process is permitted and allows the process to access the specified resource if access permission is indicated and denies the process access to the specified resource if access permission is not indicated.